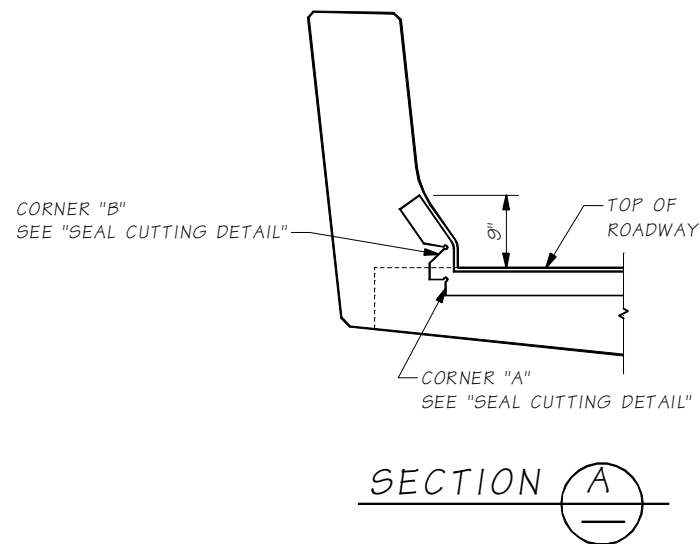
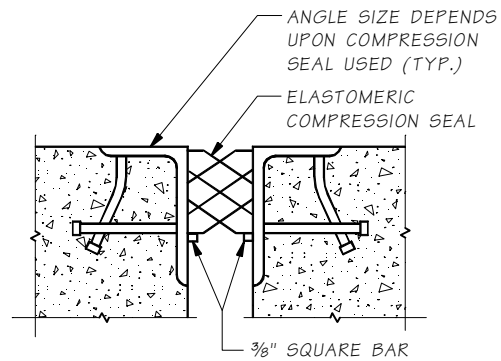


COMPRESSION SEAL  
CONCRETE OPENING

- 1 USE 1/2" FOR ALL SEALS.
- 2 USE 1/2" FOR ALL SEALS.
- 3 COMPUTE "A CONSTR." PER EQUATION (12) @ 40°F, 64°F, AND 80°F.
- 4 TO BE CHECKED BY THE DESIGNER. SHALL BE LARGE ENOUGH TO PREVENT CLOSURE UNDER THERMAL MOVEMENTS.
- 5 SEE BDM SECTION 9.1.3A AND DESIGN EXAMPLE FOR COMPRESSION SEAL DESIGN AND SEE "COMPRESSION SEAL TABLE" ON THIS SHEET.

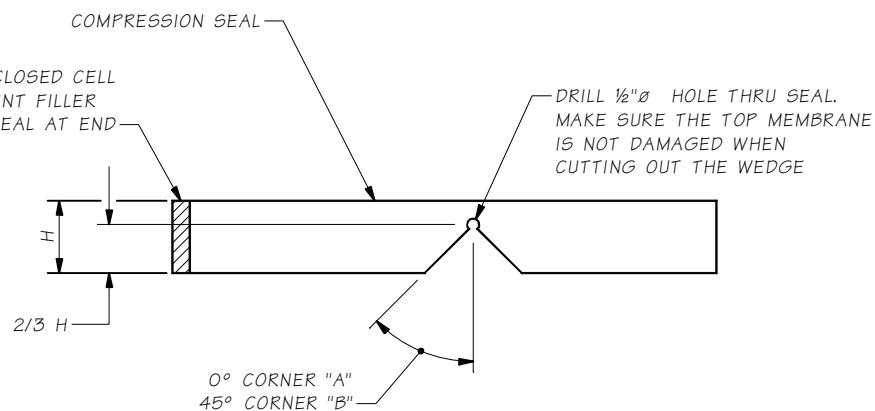


SECTION A



COMPRESSION SEAL  
ARMORED OPENING.  
USE IN BRIDGE WIDENINGS WITH  
EXISTING ARMORED JOINTS

NOTE:  
DESIGNER TO USE APPROPRIATE DETAILS  
FROM THIS SHEET AND CONSULT WITH  
EXPANSION JOINT SPECIALIST FOR  
LATEST PLAN SHEET LAYOUT, NOTES,  
AND UP-TO-DATE DETAILS.



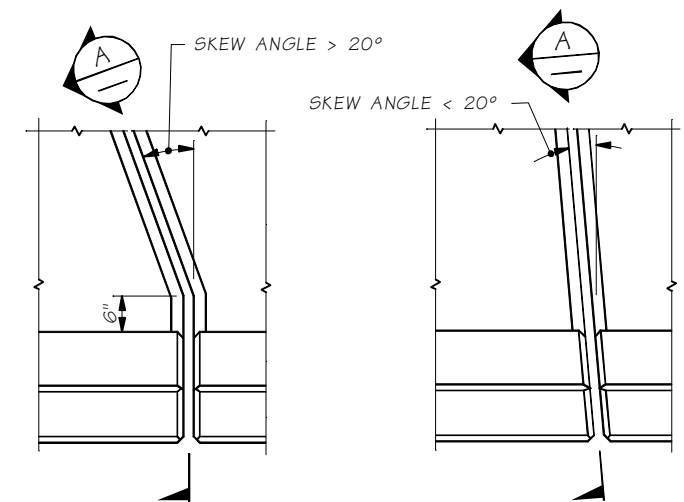
SEAL CUTTING DETAIL

## COMPRESSION SEAL TABLE

D.S. BROWN		WATSON BOWMAN ACME	
SEAL	WIDTH	SEAL	WIDTH
CV-2000	2"	WA-200	2"
CV-2502	2 1/2"	WA-250	2 1/2"
CV-3000	3"	WA-300	3"
CV-3500	3 1/2"	WA-350	3 1/2"
CV-4000	4"	WA-400	4"

TESTING SHALL BE PER AASHTO M-220 PRIOR TO USE.

NOTE:  
COMPRESSION SEALS GREATER THAN FOUR INCHES WIDE SHOULD NOT BE USED



PLAN  
EXPANSION JOINT

Bridge Design Engr.	M:\STANDARDS\Expansion Joints\COMPRESSION SEAL DET.man									
Supervisor					REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
Designed By					10	WASH.				
Checked By					JOB NUMBER					
Detailed By										
Bridge Projects Engr.										
Prelim. Plan By										
Architect/Specialist	DATE	REVISION	BY	APPD						

Tue May 08 06:58:05 PM 2012

BRIDGE  
AND  
STRUCTURES  
OFFICE



Washington State  
Department of Transportation

EXPANSION JOINTS

EXPANSION JOINT DETAILS  
COMPRESSION SEAL

BRIDGE  
SHEET  
NO.  
  
SHEET  
  
OF  
  
SHEETS

SR JOB NO. SHEET

9.1-A1-1